



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 4, 2017

Dr. Matthew Brooks
Regulatory Consultant for Integro Inc.
Integro Inc.
c/o Ag Chem Consulting
12644 Chapel Rd., Suite 108
Clifton, VA 20124

Subject: Label and CSF Amendment –Revising the directions for use, revising Basic CSF and Adding Alternate CSF #1
Product Name: Integro Magic Sulfur Dust
EPA Registration Number: 79702-1
Application Date: 11/04/2016
Decision Number: 523651

Dear Dr. Brooks:

The amended label and CSFs referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 12/21/2016
- Alternate CSF 1 dated 12/21/2016

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the

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website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Lisa Pahel by phone at (703) 347-0459, or via email at pahel.lisa@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft".

Erik Kraft, Acting Product Manager 24
Fungicide and Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

INTEGRO MAGIC SULFUR DUST

[ABN: INTEGRO Magnetic Sulfur Dust]

washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Active Ingredient:	
SULFUR.....	98%
Inert Ingredients:	2%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN CAUTION

See additional Precautionary Statements on back panel.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything to an unconscious person
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for treatment advice.
<p align="center">HOT LINE NUMBER</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. 1-800-424-9300</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION:

Harmful if swallowed, inhaled or absorbed through skin. May cause irritation of nose, throat, skin, eyes or clothing. Do not contaminate feed or foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear a long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, shoes plus socks and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for

ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. **IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

USER SAFETY RECOMMENDATIONS

USERS SHOULD:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

PHYSICAL AND CHEMICAL HAZARDS

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks and flame. Do not smoke while applying this product. **SULFUR IS HIGHLY CORROSIVE AND EQUIPMENT SHOULD BE CLEANED THOROUGHLY.**

INTEGRO, INC.

P.O. Box 156
Helm, CA 93627

EPA Reg. No. 79702-1

EPA Est. No. 79702-CA-1



◆ Listed by the Organic Materials Review Institute (OMRI) for use in production of organic food and fiber

NET CONTENTS: 50 Pounds

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS) 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical-resistant gloves made of any waterproof material, and shoes plus socks, and protective eyewear.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store unused product in original container only in cool, dry area out of reach of children and animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Completely empty bag into application equipment. Then dispose of empty bag in sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

PRODUCT INFORMATION

INTEGRO MAGIC SULFUR DUST may be applied by ground or aerial application. For disease control at the directed/prescribed rates, it is necessary to apply so as to uniformly cover both the upper and lower leaf surfaces.

es. Consult your State Agricultural Experiment Station or Extension Specialist for advice in selecting treatments from this label best for local conditions.

USE RESTRICTIONS

For all uses, EXCEPT COTTON, do not use sulfur with oil or within 14 days of an oil spray (for citrus, 21 days). Do not combine with emulsifiable liquids. Use caution when daytime temperatures are greater than 90° F or are expected to exceed 90° F within 3 days after application, as sulfur may burn foliage and fruit on sensitive varieties.

FOR ALL CROP USES LISTED ON THE PRODUCT LABEL

(for both ground and air application)

Dusting sulfur can create situations where drift to non-target or sensitive areas can occur. To minimize the occurrence of drift incidents, the following conditions must be met:

1. In addition to specific instructions under directions for use on the main sulfur label, the following conditions must also be followed for use in California:
2. The operator of the property and the applicator must establish a buffer zone of enough distance to prevent drift onto non-target areas such as hospitals, clinics, residential areas, schools and any other area designated by the county agricultural commissioner.
3. The operator of the property and the applicator must evaluate the method and equipment for each site to ensure proper and safe use. Evaluations shall include, but not limited to the appropriateness of ground or air application.
4. Sulfur must not be applied when the wind velocity exceeds 10 miles per hour. Applicators must be aware that in some areas in California, "dead calm" conditions are often associated with an inversion situation. In these areas, applying sulfur when there is minimum air movement of 2 miles per hour will help ensure that an inversion situation does not exist.
5. All applicators, prior to use of dust formulations, must read and understand the Best Application Practices Manual.

Before using this product, read and follow all applicable directions, restrictions and precautions on the EPA registered label.

USE RESTRICTION: Sulfur will cause severe fruit and leaf injury to sulfur sensitive crops. Do not apply or allow to drift to Apricots, d'Anjou and Comice pears, Cranberries, Cucurbits (cucumbers, cantaloupes, melons and squash), Filberts, Spinach, Turf and Ornamental trees, Walnuts or other sensitive plants. Sulfur may burn foliage.

age and fruit during periods of high temperatures and under certain climate conditions.

DIRECTIONS:

INTEGRO MAGIC SULFUR DUST is prepared for use against certain pests and diseases of crops as listed below. Unless otherwise stated, dosages are given in terms of pounds of this product per acre. Use the high rates and shorter repeat application intervals when high disease pressure conditions or high mite population levels exist. Unless otherwise specified, (a) disease control applications should begin when conditions exist which are conducive to disease development and repeat application may be made at 10 to 14 day intervals while weather conditions continue to favor disease development, and (b) mite control applications should be made whenever a significant population level exists.

ALFALFA: *Powdery mildew*, apply 15 to 25 lbs. per acre at first sign of powdery mildew and repeat at 14 days intervals or as necessary. *Atlantic mite*, *Clover mite*, *Two-spotted mite*, *Pacific mite* and *Strawberry mite*; apply 15 to 50 lbs. per acre when mites first appear and repeat as necessary. May cause flower burn.

ALMONDS, CHERRIES, NECTARINES, PEACHES, PLUMS and PRUNES:

Cherry leaf spot (cherries only), *Rust and Powdery mildew (nectarines and peaches only)*, apply 40 to 50 lbs. per acre at pre-bloom, bloom and post-bloom periods. Apply when disease threatens during rain periods and repeat at 7 to 10 days intervals. *Brown rot of fruit (except almond)*, apply 40 to 50 lbs. per acre 4 weeks prior to harvest and again 2 weeks later or every 7 days if wet weather prevails during the period prior to harvest. *Peach silver mite (almond, nectarines and peaches only)*, apply 25 to 50 lbs. per acre after thinning.

APPLES and PEARS: Scab, 40 to 50 lbs. per acre at green tip and again at pink bud. Pink bud treatments also control *Powdery mildew*.

USE RESTRICTION: Do not apply during or shortly before frost conditions and/or use of Captan. Do not apply to pears after the fruit begins to turn down. Some varieties of apples and pears may be injured by sulfur; check variety tolerance prior to application.

ASPARAGUS: *Rust*, apply 10 to 35 lbs. per acre. Dust after cutting stops, irrigate, cultivate, and then apply sulfur. Repeat at 7 to 10 days intervals through season.

BEANS: *Powdery mildew*, *Rust*, *Two-spotted spider mite*, *Pacific spider mite* and *Strawberry spider mite*, apply 15 to 30 lbs. per acre. For rust control, start applica-

tions as soon as the first true leaves form and continue at weekly intervals until blossom time.

USE RESTRICTION: May cause injury to some varieties. Check tolerance prior to application. Do not apply to *varieties susceptible* to sulfur injury.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARD, KALE, RUTABAGAS, TURNIPS: *Powdery mildew* – Use 20 to 25 lbs. per acre. Begin applications at first sign of disease. Repeat at 7-10 days intervals or as needed.

CARROTS: *Petrobia mite*, apply 30 to 40 lbs. per acre.

CITRUS: *Six-spotted mite*, *Citrus rust mite*, apply 80 lbs. per acre from November to June. *Citrus flat mite*, apply 100 lbs. per acre from October to March 15th. *Citrus thrips*, apply 100 lbs. per acre at mid-March, petal fall, and again 2 to 4 weeks later.

USE RESTRICTION: Do not apply within 21 days of oil sprays.

COTTON: *Atlantic mite*, *Strawberry spider mite*, apply 45 to 50 lbs. per acre when mites first appear and repeat as necessary.

CUCUMBER, SQUASH: *Powdery mildew*, apply 15 to 20 lbs. per acre.

USE RESTRICTION: Do not apply at high temperatures or to varieties susceptible to sulfur injury. Repeat applications in 7 to 10 days if necessary.

DATES: *Banks grass mite*, apply 50 to 125 lbs. per acre applied by ground or air. Apply higher rates by air. Thorough coverage is needed for good control.

EGGPLANTS: *Powdery mildew* - Use 25 to 35 lbs. per acre. Begin applications before disease appears. Repeat at 7 to 10 days intervals or as needed.

FIGS: *Fig rust mite*, apply 40 lbs. per acre in the spring and again in the early summer.

GRAPES: *Powdery mildew*, apply 8 to 20 lbs. per acre. Begin applications when shoots are 6 to 8 inches long and repeat when shoots are 12 to 15 inches long. Repeat every 10 to 14 days until harvest.

USE RESTRICTION: Do not apply if temperatures during or shortly after treatment are expected to exceed 100°F. When applying sulfur to grapes, do not allow workers to enter the field within 1 day (24 hours) of application. Labrusca type grapes may be injured by sulfur.

MELONS: *Powdery mildew*, apply 20 to 25 lbs. per acre. *Spider mites*, apply 30 to 50 lbs. per acre.

USE RESTRICTION: Do not apply to varieties susceptible to sulfur injury. Sulfur often injures vines at temperatures above 90°F.

ONION, GARLIC: *Petrobia mite and Powdery mildew*, apply 10 to 40 lbs. per acre. Apply at first sign of disease or mites and repeat at 14 days intervals or as necessary.

ORNAMENTALS: *Powdery mildew* of alder, azalea, bitersweet, boston ivy, buttonbush, catalpa, chrysanthemums, dahlia, delphinium, dogwood, honeysuckle, horse chestnut, hydrangea, lilac, linden, magnolia, matrimony vine, phlox, rhododendron, rose, staghorn, sumac, sweet pea, sycamore, trumpet vine, witch hazel and zinnia; Rust of aster, carnation, rose and snapdragon; apply 20 to 40 lbs. per acre on and repeat as necessary. Check variety tolerance before application.

OLIVES: *Mites*, apply 50 to 70 lbs. per acre. Damage may occur to crop and foliage if applied during or before high temperatures.

PEPPERS: *Powdery mildew* - Use 20 to 35 lbs. per acre. Begin applications before disease appears. Repeat at 7 to 10 days intervals or as needed.

PISTACHIO: *Citrus flat mite*, apply 50 lbs. per acre by air or ground. Apply when mites first appear and repeat as necessary.

POMEGRANITES: *Mites*, apply 50 lbs. per acre. Apply at first sign of mites and repeat as necessary to maintain control.

POTATOES: *Powdery mildew* - Use 5 to 15 lbs. per acre by air or ground. Begin applications before disease appears. Repeat at 7 to 10 days intervals or as needed.

STRAWBERRIES, BOYSENBERRIES, BLUEBERRIES, RASPBERRIES, BLACKBERRIES, GOOSEBERRIES AND LOGANBERRIES: *Powdery mildew*, apply 10 to 25 lbs. per acre. Apply at first sign of disease and repeat as necessary. Sulfur may cause some injury under certain climatic conditions.

SUGAR BEETS: *Powdery mildew, Two-spotted spider mite, Pacific spider mite and Strawberry spider mite*; apply 35 to 50 lbs. per acre. Apply at first sign of disease or mites and repeat at 14 days intervals or as necessary.

TOMATOES: *Tomato russet mite, Powdery mildew*, apply 15 to 40 lbs. per acre. If the crop is being grown with the aid of stakes or poles, apply 10 to 13 lbs. per acre per foot of average plant height.

WHEAT: *Powdery mildew*; apply 35 to 50 lbs. per acre. Apply at first sign of disease and repeat every 14 days or as necessary.

CONDITIONS OF SALE AND WARRANTY

Conditions of sale 1. **Integro, Inc.** warrants that this material conforms to the chemical description on the label and is reasonable fit for use as directed hereon. **Integro, Inc.** neither makes, nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, expressed or implied concerning the material to the extent consistent with applicable law. 2. Critical and unforeseeable factors beyond the control of **Integro, Inc.** prevent it from eliminating all risk in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonable fit for the uses stated hereon and even though label direction followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by **Integro, Inc.** under 1 above) resulting from handling, storage, and the use of this material to the extent consistent with applicable law.